

INTERNATIONAL SEARCH REPORT

International Application No

PCT/DE 02/01431

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H03M7/36 H03H17/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03H H03M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 44 08 768 C (SIEMENS AG) 4 May 1995 (1995-05-04) cited in the application column 2, line 31 -column 3, line 43; figure	1,21
A	WO 00 31879 A (PESSL PETER ;HAUPTMANN JOERG (AT); STRAEUSSNIGG DIETMAR (AT); INFI) 2 June 2000 (2000-06-02) page 5, line 18 -page 10, line 3; figures	1,21
A	DE 199 12 447 A (MICRONAS INTERMETALL GMBH) 28 September 2000 (2000-09-28) column 4, line 42 -column 5, line 44; figure 1	1,21

☐ Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

10 September 2002

Date of mailing of the international search report

26/09/2002

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 4408768	C	04-05-1995	DE 4408768 C1	04-05-1995
			DE 59502375 D1	09-07-1998
			EP 0673114 A1	20-09-1995
			JP 3295576 B2	24-06-2002
			JP 7283737 A	27-10-1995
			US 5629881 A	13-05-1997
WO 0031879	A	02-06-2000	AT 222430 T	15-08-2002
			CN 1325565 T	05-12-2001
			WO 0031879 A1	02-06-2000
			EP 1129523 A1	05-09-2001
DE 19912447	A	28-09-2000	DE 19912447 A1	28-09-2000

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Applic. # _____

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